Certificate No: LR25210827WC
Issue Date: 10/06/2025
Expiry Date: 09/06/2026

# CERTIFICATE OF APPROVAL OF WELDING CONSUMABLE FOR SHIP CONSTRUCTION

This certificate is issued to the company named below. The welding consumable or combination described has been tested in accordance with the requirements of Lloyd's Register for use in ship construction. This approval is subject to annual tests being carried out in accordance with the requirements of Lloyd's Register. The continued validity of this approval will be confirmed by appropriately dated Annual Reapproval Certificates issued to the company.

| | |
|---|---|
| **Company** | **SAFRA SPA** |
| **Address** | Via Averolda 13/15, Travagliato Bs, 25039, Italy |
| **Type of welding consumable** | Section 9 - Solid Wire/Gas Shield |
| **Trade name** | SAFRA AlMg4.5Mn - 5183/Ar |
| **Welding Process** | Gas Metal Arc Welding |
| **Grade & Technique** | WC1/I-1 S |
| **Welding Positions** | Downhand, horizontal-vertical, vertical upward and overhead only. |
| **Weld Type** | Butt and Fillet Welding. |
| **Diameter (mm)** | 1.2 - 2.4 |
| **Current** | DC(+) |
| **Remarks** | Approved also for automatic multirun welding in the downhand position only. |

Downloaded Copy

**Sufair Shaikh**

Welding Team - Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.